Approved for use through 03/31/2012. OMB 0651-0016 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Docket Number (Optional) RETURN TO ACCEPT UNINTENTIONALLY DELAYED PAYMENT OF 15535-46032 MAINTENANCE FEE IN AN EXPIRED PATENT (37 CFR 1.378 (c)) RECEIVED Mail to: Mail Stop Petition Commissioner for Patents MAR 3 1 2009 P.O. Box 1450 Alexandria, VA 22313-1450 OFFICE OF PETITIONS Fax: (571) 273-8300 NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282. Application Number 09/848,780 6,861,403 Patent No. March 1, 2005 May 3, 2001 Issue Date Filing Date CAUTION: Maintenance fee (and surcharge, if any) payment must correctly identify: (1) the patent number (or reissue patent number, if a reissue) and (2) the application number of the actual U.S. application (or reissue application) leading to issuance of that patent to ensure the fee(s) is/are associated with the correct patent. 37 CFR 1.366(c) and (d). Also complete the following information, if applicable The above - identified patent Is a reissue of original Patent No. \_\_\_\_\_\_ original issue date \_\_\_\_\_ original application number original filing date resulted from the entry into the U.S. under 35 U.S.C. 371 of international application\_ filed on \_ CERTIFICATE OF MAILING (37 CFR 1.89(a))

I hereby certify that this paper (\*along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class main in an envelope addressed to Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

March 20, 2009

Date

Kan V. (a. l. Signature

Kathryn V. Chelini

Typed or Printed Name-of Rerson Signing Certificate น่ว/อัง/อย่า พยะเก็บ ซื้อยยยยยย 6861403

01 FC:1599

2260.00 OP

[page 1 of 3]

This collection of information is required by 37 CFR 1.378(c). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450** 

	1. SMALL ENTITY  Detector eleine as has proviously eleined and a settly status. See 27 CER 1.27										
Patentee claims, or has previously claimed, small entity status. See 37 CFR 1.27.											
2. LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS											
Patentee is no longer entitled to small entity status. See 37 CFR 1.27(g)											
3. MAINTENANCE FEE (37 CFR 1.20(e)-(g))											
The appropriate maintenance fee must be submitted with this petition, unless it was paid earlier.											
	NOT Small Entity			Small Entity							
	Amount	Fee	(Code)	Amount	Fee	(Code)					
	\$ 980.00	3 ½ yr fee	(1551)	\$	3 ½ yr fee	(2551)					
	\$	7 ½ yr fee	(1552)	\$	7 ½ yr fee	(2552)					
	\$	11 ½ yr fee	(1553)	\$	11 ½ yr fee	(2553)					
				MAINTENANCE I	FEE BEING SUBMITTED	\$ 980.00					
4. SURCHARGE  The surcharge required by 37 CFR 1.20(i)(2) of \$ 1,640.00 (Fee Code 1558) must be paid as a condition of accepting unintentionally delayed payment of a maintenance fee.  SURCHARGE FEE BEING SUBMITTED \$ 1,640.00											
	5. MANNER OF	PAYMENT									
Enclosed is a check for the sum of \$ 2,620.00											
Please charge Deposit Account No the sum of \$											
Payment by credit card. Form PTO-2038 is attached.											
6. AUTHORIZATION TO CHARGE ANY FEE DEFICIENCY											
The Director is hereby authorized to charge any maintenance fee, surcharge or petition deficiency to Deposit Account No. 50-1582											
					·						

As to any overpayment made please    Variety   Credit to Deposit Account No.   50-1582	7. OVERPAYMENT										
Send refund check  WARNING:  Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bark account numbers, or credit card numbers (other than a check or credit card information such as social security numbers, bark account numbers, or credit card numbers (other than a check or credit card card in the state of the control of the c		As to any overpayment made please									
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO, petitioner/applicant is advised that the record of a petit application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.34). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.  8. STATEMENT  The delay in payment of the maintenance fee to this patent was unintentional.  9. PETITIONER(S) REQUEST THAT THE DELAYED PAYMENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE PAYENT REginstrate  March 20, 2009  Signature(s) of Petitioner(s)  Typed or printed name(s)  Registration Number, if applicable  Mirick, O'Connell, DeMallie & Lougee, LLP  Address  1700 West Park Drive, Westborough, MA 01581  Address  37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment	OR	✓ Credit to Deposit Accou	int No. <u>50-1582</u>	·							
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theth. Personal information such as social security numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO, petitioner/applicant is petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider reducing such personal information from the documents before submitting them to the USPTO. Petitioners/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application is seferenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.  8. STATEMENT  The delay in payment of the maintenance fee to this patent was unintentional.  9. PETITIONER(S) REQUEST THAT THE DELAYED PAYMENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE PART Remistrated in the application forms provided the provided in the application forms provided in the patent was unintentional.  9. PETITIONER(S) REQUEST THAT THE DELAYED PAYMENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE PART Remistrated in the provided in the patent part of the payment pay		Send refund check									
The delay in payment of the maintenance fee to this patent was unintentional.  9. PETITIONER(S) REQUEST THAT THE DELAYED PAYMENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE PAYMENT REINSTATED    March 20, 2009   Date	Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the										
9. PETITIONER(S) REQUEST THAT THE DELAYED PAYMENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE PATENT REINSTATED    March 20, 2009   Date	8. STATEMENT										
March 20, 2009  Signature(s) of Petitioner(s)  Roger P. Kimmerman  Typed or printed name(s)  (508) 898-1501  Telephone Number  Mirick, O'Connell, DeMallie & Lougee, LLP  Address  1700 West Park Drive, Westborough, MA 01581  Address  37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment	The delay in payment of the maintenance fee to this patent was unintentional.										
Signature(s) of Petitioner(s)  Roger P. Zimmerman  Typed or printed name(s)  (508) 898-1501  Telephone Number  Mirick, O'Connell, DeMallie & Lougee, LLP  Address  1700 West Park Drive, Westborough, MA 01581  Address  37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment	9. PETITIONER(S) REQUEST THAT THE DELAYED PAYMENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE PATENT REINSTATED										
Roger P. Limmerman Typed or printed name(s)  (508) 898-1501  Telephone Number  Mirick, O'Connell, DeMallie & Lougee, LLP  Address  1700 West Park Drive, Westborough, MA 01581  Address  37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment	$\underline{\mathcal{L}}$	gar. Kin									
Typed or printed name(s)  (508) 898-1501  Telephone Number  Mirick, O'Connell, DeMallie & Lougee, LLP  Address  1700 West Park Drive, Westborough, MA 01581  Address  37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment			er(s)								
Telephone Number  Mirick, O'Connell, DeMallie & Lougee, LLP  Address  1700 West Park Drive, Westborough, MA 01581  Address  37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment	(Ro		( )								
Mirick, O'Connell, DeMallie & Lougee, LLP  Address  1700 West Park Drive, Westborough, MA 01581  Address  37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment			(S)	Registration Number, if applicable							
Mirick, O'Connell, DeMallie & Lougee, LLP  Address  1700 West Park Drive, Westborough, MA 01581  Address  37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment											
Address  1700 West Park Drive, Westborough, MA 01581  Address  37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment	•	relephone Number									
Address  37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment	Mir	ick, O'Connell, DeMallie & Louge	ee, LLP								
Address  37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment			Address								
37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment	170	00 West Park Drive, Westboroug	h, MA 01581								
practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."  ENCLOSURES  Maintenance Fee Payment	<del></del>		Address		_						
Maintenance Fee Payment											
<u> </u>	ENCLOSURES										
Surcharge under 37 CFR 1.20(i)(2) (fee for filing the maintenance fee petition)		Maintenance Fee Payment									
		Surcharge under 37 CFR 1.20(i)(2) (fee for filing the maintenance fee petition)									